



Farm Custom Rates Paid in Ohio, 1993*

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The rates reported in this publication are based on survey results from Ohio farmers. The rates shown may differ significantly by local region depending on availability of custom operators and demand for their services. See ESO 2131, Ohio Farm Machinery Economic Cost Estimates for 1994, for an alternate approach to estimating machinery costs.

Operation	Unit	Rate	
		Typical	Range
Soil Preparation			
Stalk Chopping	acre	\$7.00	\$4.00 - 12.00
Moldboard Plow	acre	12.00	10.00 - 16.00
Disk Plow	acre	10.00	6.00 - 18.00
Chisel Plow	acre	10.00	4.00 - 16.00
Drag	acre	5.00	2.00 - 9.00
Disk	acre	9.00	5.00 - 12.00
Disk and Drag or Harrow	acre	8.00	6.00 - 12.00
Harrow	acre	5.00	4.00 - 10.00
Planting			
(Cost of seed or materials not included)			
Corn or Soybeans			
Row Planter			
Conventional			
Seed Only	acre	10.00	6.00 - 15.00
Seed and Fertilizer	acre	11.25	6.00 - 15.00
Seed, Fertilizer, Chemicals	acre	13.50	6.00 - 18.00
No Till			
Seed Only	acre	12.00	7.00 - 16.00
Seed and Fertilizer	acre	14.00	10.00 - 20.00
Seed, Fertilizer, Chemicals	acre	15.00	10.00 - 20.00
Soybeans			
Drill (7")			
Seed Only (Conventional)	acre	10.00	6.00 - 12.00
Seed Only (No-Till)	acre	14.00	6.00 - 20.00

*Reported for the 1993 year.

The cooperation and assistance of farmers and county agricultural extension agents is most appreciated.

Operation	Unit	Rate	
		Typical	Range
Planting (cont.)			
Small Grains			
Drill (7")			
Grain Only (Conventional)	acre	12.00	\$6.00 - 20.00
Grain Only (No-Till)	acre	12.00	6.00 - 20.00
Grain and Grass Seed	acre	13.00	6.00 - 15.00
Grass Seed			
Grain Drill	acre	12.00	6.00 - 16.00
Packwheel Drill	acre	11.00	6.00 - 15.00
Broadcast	acre	5.00	3.00 - 9.00
Fertilizer Application			
(Cost of materials not included)			
Dry Bulk	acre	3.00	1.00 - 6.00
Liquid	acre	4.00	2.50 - 7.00
Anhydrous	acre	8.00	4.00 - 12.00
Lime	acre	4.00	2.00 - 16.00
Weed Control			
Mechanical			
Rotary Hoe	acre	5.50	3.00 - 7.00
Cultivation, Conventional	acre	6.50	4.00 - 10.00
Cultivation, Ridge	acre	6.50	6.00 - 10.00
Chemical (Weed or Pest Control)			
(Cost of materials not included)			
Spraying Ground	acre	4.00	3.00 - 8.00
Aerial Application	acre	5.50	5.00 - 6.50
Rope Wick	acre	4.50	2.00 - 7.00
Hay Harvest			
Mowing	acre	7.50	5.00 - 10.00
Mowing/Conditioning	acre	9.50	6.00 - 15.00
Raking	acre	5.00	3.00 - 8.00
Bale Hay or Straw (40-50#)			
Dropped on Ground	bale	.35	.24 - .52
Loaded on Wagon	bale	.40	.30 - .70
Haul to Storage (add)	bale	.18	.10 - .30
Large Round Bale			
Left in Field (600 - 1000#)	bale	6.00	4.00 - 8.00
Left in Field (1200 - 2000#)	bale	8.00	6.00 - 14.00
Haul from Field (600 - 1000#)	bale	7.00	4.00 - 8.00
Move Large Bale or Stack	bale/stack	2.00	1.50 - 5.00
Complete Hay Harvest			
(mow, rake, bale, store)			
Hire (1 cutting)	ton	\$50.00	30.00 - 50.00
Share of Crop	percent	50%	50 - 75%

Operation	Unit	Rate	
		Typical	Range
Grain Harvest*			
Combine			
Corn	acre	21.50	16.00 - 30.00
Soybeans	acre	21.00	16.00 - 28.00
Small Grain	acre	20.00	16.00 - 28.00
Corn Picker	acre	16.25	10.00 - 20.00
*Typically furnished 1 man and 2 wagons or trucks and hauled grain 9 miles or less.			
Grain Drying			
20 to 14%	bushel	.15	.12 - .20
25 to 14%	bushel	.24	.18 - .32
Grain Storage			
Initial Take-In Charge plus 1 Month	bushel	.065	.04 - .16
Take-In Plus 4 Months	bushel	.14	.10 - .20
Storage Charge Per Month	bushel	.03	.015 - .05
Hauling Grain			
Farm to Market (10-25 mi.)	bushel	.10	.04 - .24
Field to Farm	bushel	.10	.02 - .12
Tile Installation			
Ditching	foot	.20	.10 - .50
Backfilling	foot	.05	.04 - .20
Complete Installation - 4" Plastic Tile	foot	.45	.20 - .80
Hired Labor			
Machinery Operation	hour	7.00	5.00 - 25.00
General Labor	hour	5.50	4.00 - 10.00
General Farm Labor	month	1,600	1,000 - 2,600
Other			
Bush Hogging	\$/acre	10.00	4.00 - 16.00
Building Fence (No materials)	\$/hour	13.50	7.00 - 25.00
Grinding Feed	cwt.	.35	.10 - .75
Income Tax Preparation	\$	200.00	75.00 - 1100.00
Accounting and Tax Preparation	\$	550.00	150.00 - 1900.00
Custom Farming - All machinery operations for growing and harvesting			
Corn	acre	70.00	60.00 - 100.00
Soybeans	acre	60.00	50.00 - 90.00
Small Grain	acre	50.00	40.00 - 80.00
Equipment Rental			
Tractors (horsepower)			
60-100	hour	18.00	10.00 - 35.00
100-150	hour	23.00	15.00 - 40.00
150-200	hour	30.00	20.00 - 43.00
Combine (20 ft. or 6 row)	acre	16.50	15.00 - 20.00
Corn Planter (6 row, No-Till)	acre	12.00	8.00 - 15.00
Grain Drill (14 ft., No-Till)	acre	9.00	8.00 - 10.00
Bobcat Loader	day	120.00	80.00 - 300.00

**Custom Rates Typically Charged for Selected Operations
By Regions, Ohio, 1993**

<u>Operation</u>	<u>Unit</u>	<u>State</u>	<u>NW</u>	<u>NE</u>	<u>SW</u>	<u>SE</u>
Plant Corn or Beans (seed and fertilizer)						
Conventional	acre	11.25	10.50	10.00	12.00	13.00
No-Till	acre	14.00	13.50	15.00	13.00	15.00
Baling						
Loaded on Wagon	bale	0.40	0.35	0.45	0.40	0.45
Large Bale, Drop in Field	bale	8.00	8.00	10.00	7.50	6.50
Combining						
Small Grain	acre	20.00	19.00	20.00	20.00	21.00
Soybeans	acre	21.00	20.00	22.00	20.50	22.50
Corn	acre	21.50	20.50	22.00	21.00	22.50

Typical Acreage Custom Work Hired or Performed By Respondents, 1993

	<u>Unit</u>	<u>Hired</u>	<u>Performed</u>
Plowing	acre	100	135
Planting	acre	150	250
Spraying	acre	500	800
Fertilize	acre	500	625
Combine Grain	acre	150	150
Combine Corn	acre	110	160
Haul Grain	bushel	20,000	25,000
Chop Silage	acres	30	70
Custom Farm	acres	--	210

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